

SEQUENCE LISTING



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Kim, Kyung Jin

<120> DR4 ANTIBODIES AND USES THEREOF

<130> 11669.19US02

<140> 09/237,299

<141> 1999-01-25

<150> 60/072,481

<151> 1998-01-26

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<170> PatentIn Ver. 2.0

<210> 1

<211> 1407

<212> DNA

<213> Homo sapiens

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aca ccc agc aaa gtg tgg ggc tct tcc gcg ggg agg att gaa cca cga	144
Thr Pro Ser Lys Val Trp Gly Ser Ser Ala Gly Arg Ile Glu Pro Arg	
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ggc ggg ggc cga gga gcg ctc cct acc tcc atg gga cag cac gga ccc	192
Gly Gly Gly Arg Gly Ala Leu Pro Thr Ser Met Gly Gln His Gly Pro	
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agt gcc cgg gcc cgg gca ggg cgc gcc cca gga ccc agg ccg gcg cgg	240
Ser Ala Arg Ala Arg Ala Gly Arg Ala Pro Gly Pro Arg Pro Ala Arg	
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gaa gcc agc cct cgg ctc cgg gtc cac aag acc ttc aag ttt gtc gtc	288
Glu Ala Ser Pro Arg Leu Arg Val His Lys Thr Phe Lys Phe Val Val	
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gtc ggg gtc ctg ctg cag gtc gta cct agc tca gct gca acc atc aaa	336
Val Gly Val Leu Leu Gln Val Val Pro Ser Ser Ala Ala Thr Ile Lys	
100 105 110	
ctt cat gat caa tca att ggc aca cag caa tgg gaa cat agc cct ttg	384
Leu His Asp Gln Ser Ile Gly Thr Gln Gln Trp Glu His Ser Pro Leu	
115 120 125	
gga gag ttg tgt cca cca gga tct cat aga tca gaa cgt cct gga gcc	432
Gly Glu Leu Cys Pro Pro Gly Ser His Arg Ser Glu Arg Pro Gly Ala	
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tgt aac cgg tgc aca gag ggt gtg ggt tac acc aat gct tcc aac aat	480
Cys Asn Arg Cys Thr Glu Gly Val Gly Tyr Thr Asn Ala Ser Asn Asn	
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ttg ttt gct tgc ctc cca tgt aca gct tgt aaa tca gat gaa gaa gag	528
Leu Phe Ala Cys Leu Pro Cys Thr Ala Cys Lys Ser Asp Glu Glu Glu	
165 170 175	
aga agt ccc tgc acc acg acc agg aac aca gca tgt cag tgc aaa cca	576
Arg Ser Pro Cys Thr Thr Thr Arg Asn Thr Ala Cys Gln Cys Lys Pro	
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gga act ttc cgg aat gac aat tct gct gag atg tgc cgg aag tgc agc	624
Gly Thr Phe Arg Asn Asp Asn Ser Ala Glu Met Cys Arg Lys Cys Ser	
195 200 205	
aca ggg tgc ccc aga ggg atg gtc aag gtc aag gat tgt acg ccc tgg	672
Thr Gly Cys Pro Arg Gly Met Val Lys Val Lys Asp Cys Thr Pro Trp	
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agt gac atc gag tgt gtc cac aaa gaa tca ggc aat gga cat aat ata	720
Ser Asp Ile Glu Cys Val His Lys Glu Ser Gly Asn Gly His Asn Ile	
225 230 235 240	
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Trp Val Ile Leu Val Val Thr Leu Val Val Pro Leu Leu Leu Val Ala	
245 250 255	
gtg ctg att gtc tgt tgt tgc atc ggc tca ggt tgt gga ggg gac ccc	816
Val Leu Ile Val Cys Cys Cys Ile Gly Ser Gly Cys Gly Gly Asp Pro	
260 265 270	

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Lys Cys Met Asp Arg Val Cys Phe Trp Arg Leu Gly Leu Leu Arg Gly	
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cct ggg gct gag gac aat gct cac aac gag att ctg agc aac gca gac	912
Pro Gly Ala Glu Asp Asn Ala His Asn Glu Ile Leu Ser Asn Ala Asp	
290 295 300	
tcg ctg tcc act ttc gtc tct gag cag caa atg gaa agc cag gag ccg	960
Ser Leu Ser Thr Phe Val Ser Glu Gln Gln Met Glu Ser Gln Glu Pro	
305 310 315 320	
gca gat ttg aca ggt gtc act gta cag tcc cca ggg gag gca cag tgt	1008
Ala Asp Leu Thr Gly Val Thr Val Gln Ser Pro Gly Glu Ala Gln Cys	
325 330 335	
ctg ctg gga ccg gca gaa gct gaa ggg tct cag agg agg agg ctg ctg	1056
Leu Leu Gly Pro Ala Glu Ala Glu Gly Ser Gln Arg Arg Arg Leu Leu	
340 345 350	
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Val Pro Ala Asn Gly Ala Asp Pro Thr Glu Thr Leu Met Leu Phe Phe	
355 360 365	
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Arg Gln Leu Asp Leu Thr Lys Asn Glu Ile Asp Val Val Arg Ala Gly	
385 390 395 400	
aca gca ggc cca ggg gat gcc ttg tat gca atg ctg atg aaa tgg gtc	1248
Thr Ala Gly Pro Gly Asp Ala Leu Tyr Ala Met Leu Met Lys Trp Val	
405 410 415	
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Asn Lys Thr Gly Arg Asn Ala Ser Ile His Thr Leu Leu Asp Ala Leu	
420 425 430	
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Glu Arg Met Glu Glu Arg His Ala Lys Glu Lys Ile Gln Asp Leu Leu	
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gtg gac tct gga aag ttc atc tac tta gaa gat ggc aca ggc tct gcc	1392
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1407

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<212> PRT
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Thr Pro Ser Lys Val Trp Gly Ser Ser Ala Gly Arg Ile Glu Pro Arg
35 40 45
Gly Gly Gly Arg Gly Ala Leu Pro Thr Ser Met Gly Gln His Gly Pro
50 55 60
Ser Ala Arg Ala Arg Ala Gly Arg Ala Pro Gly Pro Arg Pro Ala Arg
65 70 75 80
Glu Ala Ser Pro Arg Leu Arg Val His Lys Thr Phe Lys Phe Val Val
85 90 95
Val Gly Val Leu Leu Gln Val Val Pro Ser Ser Ala Ala Thr Ile Lys
100 105 110
Leu His Asp Gln Ser Ile Gly Thr Gln Gln Trp Glu His Ser Pro Leu
115 120 125
Gly Glu Leu Cys Pro Pro Gly Ser His Arg Ser Glu Arg Pro Gly Ala
130 135 140
Cys Asn Arg Cys Thr Glu Gly Val Gly Tyr Thr Asn Ala Ser Asn Asn
145 150 155 160
Leu Phe Ala Cys Leu Pro Cys Thr Ala Cys Lys Ser Asp Glu Glu Glu
165 170 175
Arg Ser Pro Cys Thr Thr Thr Arg Asn Thr Ala Cys Gln Cys Lys Pro
180 185 190

Gly Thr Phe Arg Asn Asp Asn Ser Ala Glu Met Cys Arg Lys Cys Ser
 195 200 205

Thr Gly Cys Pro Arg Gly Met Val Lys Val Lys Asp Cys Thr Pro Trp
 210 215 220

Ser Asp Ile Glu Cys Val His Lys Glu Ser Gly Asn Gly His Asn Ile
 225 230 235 240

Trp Val Ile Leu Val Val Thr Leu Val Val Pro Leu Leu Leu Val Ala
 245 250 255

Val Leu Ile Val Cys Cys Cys Ile Gly Ser Gly Cys Gly Gly Asp Pro
 260 265 270

Lys Cys Met Asp Arg Val Cys Phe Trp Arg Leu Gly Leu Leu Arg Gly
 275 280 285

Pro Gly Ala Glu Asp Asn Ala His Asn Glu Ile Leu Ser Asn Ala Asp
 290 295 300

Ser Leu Ser Thr Phe Val Ser Glu Gln Gln Met Glu Ser Gln Glu Pro
 305 310 315 320

Ala Asp Leu Thr Gly Val Thr Val Gln Ser Pro Gly Glu Ala Gln Cys
 325 330 335

Leu Leu Gly Pro Ala Glu Ala Glu Gly Ser Gln Arg Arg Arg Leu Leu
 340 345 350

Val Pro Ala Asn Gly Ala Asp Pro Thr Glu Thr Leu Met Leu Phe Phe
 355 360 365

Asp Lys Phe Ala Asn Ile Val Pro Phe Asp Ser Trp Asp Gln Leu Met
 370 375 380

Arg Gln Leu Asp Leu Thr Lys Asn Glu Ile Asp Val Val Arg Ala Gly
 385 390 395 400

Thr Ala Gly Pro Gly Asp Ala Leu Tyr Ala Met Leu Met Lys Trp Val
 405 410 415

Asn Lys Thr Gly Arg Asn Ala Ser Ile His Thr Leu Leu Asp Ala Leu
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Glu Arg Met Glu Glu Arg His Ala Lys Glu Lys Ile Gln Asp Leu Leu
 435 440 445

Val Asp Ser Gly Lys Phe Ile Tyr Leu Glu Asp Gly Thr Gly Ser Ala
450 455 460

Val Ser Leu Glu
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